

Bonner Bridge Maintenance, Repair and Inspection Costs Since 1989

Maintenance and Inspection Expenditures

	1989		\$ 63,747		
	1990		\$ 103,856		
	1991		\$ 16,542		
	1992		\$ 26,436		
	1993		\$ 90,567		
	1994		\$ 76,938		
	1995		\$ 37,578		
	1996		\$ 20,043		
	1997		\$ 30,261		
	1998		\$ 22,264		
	1999		\$ 60,592		
	2000				
	2001		\$ 89,628		
	2002		\$ 265,000	\$ 265,000	*
	2003		\$ 1,875		
	2004		\$ 304,467	\$ 280,000	*
	2005		\$ 9,640		
	2006		\$ 500,820	\$ 488,000	*
	2007		\$ 171,908		
	2008		\$ 5,414		
	2009		\$ 10,945		
	2010		\$ 6,636		
	2011		\$ 6,514		
	2012		\$ 7,881		
	2013		\$ 586		
	SubTotal		\$ 2,454,771		
	Average		\$ 98,191		
2006 Assessment			\$ 2,400,000		

***Inspection Only**

Major Repairs

1989	5.0541	Added Piles in Bents 108 - 120	Force Account	\$	755,855.00
April 1990	4.5051128	Placed dolphins in span North of navigation span	The Hardaway Co.	\$	249,092.00
Aug. 1990	5.0541	Repair fish walk & damaged rail	Force Account	\$	3,552.50
Feb. 1991	4.5051117	Replaced spans damaged on Oct. 26, 1990	The Hardaway Co.	\$	2,157,234.30
Feb. 1991	4.5051119	Addition of 14" H Pile on Bents 121, 122, & 123	The Hardaway Co.	\$	160,500.00
Aug. 1991	5.0541	Inspection cost of dolphin damage by Great Lake Dredge	Force Account	\$	3,000.00
Feb. 1992	4.5051116	Replaced damaged dolphins	Waff Construction	\$	47,780.00
June 1992	8.1050804	Place Class I & Class B Rip Rap at Bent 141	Waff Construction	\$	234,608.12
Oct. 1992	8.1050804	Construction & placement of gabions for scour protection Bents 137 - 143	Woodington, Inc.	\$	1,792,632.00
			Subtotal	\$	5,404,253.92

Major Repairs Part 2

DATE	PROJECT No. or WORK ORDER	TYPE OF WORK	CONTRACTOR	COST
Jan. 1994	5.0541	Removed South ferry dock & timber pile dolphin North of channel span. Repaired dolphins & fender system.	McLean Contracting Co.	\$ 199,110.00
May 1994	4.5054109	Placed Rip Rap under Span 144 & around Bent 144	Waff Contracting Inc.	\$ 1,403,425.44
May 2001 Nov. 2001		Repair of Deteriorating Prestressed Concrete Girders	Carolina Restoration & Waterproofing	\$ 296,837.00
Fall 2002	2.102682	Marine Fenders Bts. 145-146		\$ 332,196.21
June 2005	106.102802	Ajax Scour Repair Bt. 146	Intercoastal Diving, Inc.	\$ 5,000,000.00
Spring 2006		Repair of Deteriorating Prestressed Concrete Girders	Carolina Restoration & Waterproofing	\$ 700,000.00
Fall 2012	13701.102811	Cored Slab Rehab	Carolina Bridge	164,061.73

Additional Maintenance, Repair or Inspection Costs:

Terminal Groin \$13,900,000.00

May 3, 2013

Summary for Repairs Under Transportation Improvement Program Project (B-5014)

TIP Number: B-5014A
WBS Element: 41470.3.1
Description: Repair of Existing Fender System for Bridge #11 at Oregon Inlet along NC 12
Availability: February 3, 2009
Completion: June 30, 2009 (Contract) August 11, 2009 (Actual)
Awarded to: Marine Technologies, Inc. of Baltimore, MD
Contract Amount: \$ 775,358.00
Actual Payments: \$ 711,383.00.00
Type of Contract: Purchase Order Contract (3600023851)
Notes: Complete

TIP Number: B-5014A
WBS Element: 41470.3.1
Description: Addition of Concrete Subcaps & Pile Jacketing for Bridge #11 at Oregon Inlet along NC 12
Bid Opening: October 2, 2007
Availability: October 15, 2007
Completion: March 28, 2008
Awarded to: Marine Technologies, Inc. of Baltimore, MD
Contract Amount: \$ 531,594.00
Actual Payments: \$ 523,116.00
Type of Contract: Purchase Order Contract (3600020371)
Notes: Complete

TIP Number: B-5014A
WBS Element: 41470.3.GV1
Description: Concrete Rehabilitation & Repair
Bid Opening: January 15, 2008
Availability: March 31, 2008
Completion: November 19, 2010
Awarded to: Coastal Gunit Construction Co., (Cambridge, Ma)
Contract Amount: \$ 14,676,325
Actual Payments: \$ 14,394,155.95
Type of Contract: Raleigh Let Contract (C201804)
Notes: Complete

TIP Number: B-5014A
WBS Element: 41470.3.1
Description: Steel Repair on Channel Spans
Bid Opening: March 22, 2011

Availability: September 12, 2011
Completion: December 16, 2011
Awarded to: Astron General Contracting
Contract Amount: \$ 741,000.00
Actual Payments: **\$ 748,447.40**
Type of Contract: Division Let Contract (**DA00059**)
Notes: Complete

TIP Number: **B-5014B**
WBS Element: **41470.3.2**
Description: Scour Protection for Bents No. 156 thru 166 on Bridge #11 over Oregon Inlet
Bid Opening: May 17, 2011
Availability: June 27, 2011
Completion: November 18, 2011 (bent protection); May 15, 2012 (wetland planting)
Awarded to: Marine Contracting Corp.
Contract Amount: \$ 3,213,425.00
Actual Payments: **\$ 3,562,214.73**
Type of Contract: Raleigh Let Contract (**C202722**)
Notes: Complete

TIP Number: **B-5014C**
WBS Element: **41470.3.4**
Description: Installation of Crutch Bent (Bent #159) and Additional Scout Protection (Bents 158-162)
Bid Opening: July 17, 2012
Availability: August 8, 2012
Completion: December 1, 2012 (Contract)
Awarded to: American Bridge Company
Contract Amount: \$ 1,839,513.00
Actual Payments: **\$ 1,266,945.50**
Type of Contract: Raleigh Let Contract (**C203168**)
Notes: Work ongoing, behind schedule

TIP Number: **B-5014D**
WBS Element: **41470.3.5**
Description: Concrete Repair (Shotcrete)
Bid Opening: March 6, 2013
Availability: April 8, 2013
Completion: December 15, 2013
Awarded to: Coastal Gunitite Construction Co.
Contract Amount: **\$388,910.00 – Dare #11** (Overall Contract - \$526,000.00)

Type of Contract: Division Let (**DA00147**) (Currituck #16 in same contract)
Notes: Under Contract, work to begin Fall 2013

TIP Number: B-5014E
WBS Element: 41470.3.6
Description: Steel Crutch Bent Repairs
Bid Opening: June 18, 2013
Availability: September 9, 2013
Completion: February 21, 2014
Awarded to: N/A
Contract Amount: \$1,600,000.00 – Dare #11
Type of Contract: Raleigh Let (**C203340**)
Notes: Under contract, work to begin mid-Sept.2013